

LIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Ritesh P. ShahFILING DATE
December 11, 2001GROUP
1753

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
Aro	AA	4,619,695	10/86	Oikawa et al	—	—	
Aro	AB	5,772,860	06/98	Sawada et al	—	—	
Aro	AC	5,993,621	11/99	Liu	—	—	
Aro	AD	5,798,005	08/98	Murata et al	—	—	
Aro	AE	5,282,946	02/94	Kinoshita et al	—	—	
Aro	AF	5,993,575	11/99	Lo et al	—	—	
Aro	AG	5,809,393	09/98	Dunlop et al	—	—	
Aro	AH	5,780,755	07/98	Dunlop	—	—	
Aro	AI	5,468,401	11/95	Lum	—	—	
Aro	AJ	5,087,297	02/92	Pouliquen	—	—	
Aro	AK	5,693,203	12/97	Ohhashi	—	—	
Aro	AL	5,400,633	03/95	Segal	—	—	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
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Aro	AA	5,513,512	05/96	Segal	—	—	
Aro	AB	5,590,389	12/96	Dunlop	—	—	
Aro	AC	5,600,989	02/97	Segal	—	—	
Aro	AD	5,673,581	10/97	Segal	—	—	
Aro	AE	5,074,907	12/91	Amato et al	—	—	
Aro	AF	4,525,417	06/85	Dimigen et al	—	—	
Aro	AG	4,663,120	05/87	Parent et al	—	—	
Aro	AH	4,762,558	08/88	German et al	—	—	
Aro	AI	4,889,745	12/89	Sata	—	—	
Aro	AJ	5,330,701	07/94	Shaw et al	—	—	
Aro	AK	5,418,071	05/95	Satou et al	—	—	
Aro	AL	5,508,000	04/96	Satou et al	—	—	

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Aro	AA	5,608,911	03/97	Shaw et al	—	—	
Aro	AB	4,842,706	06/89	Fukasawa et al	—	—	
Aro	AC	4,960,163	10/90	Fang et al	—	—	
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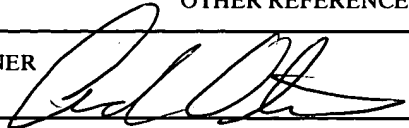
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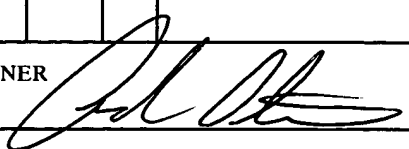
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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 32120.CON.1	SERIAL NO. 10/014,310			
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Ritesh P. Shah				
				FILING DATE December 11, 2001	GROUP 1753			
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		Document Number	Date	Country	Class	Subclass	Translation	
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A10	AA	590 904	04/1994	EPO	C23C	14/34		
A10	AB	6264232	09/1994	Japan	—	—	X	
A10	AC	8 269701	10/1996	Japan	—	—	X	
A10	AD	8 232061	06/1996	Japan	—	—	X	
A10	AE	6 10107	01/1994	Japan (transl. of Abstract)	C22	18	X	
A10	AF	6 93400	04/1994	Japan (transl. of Abstract)	C22	18	X	
A10	AG	6 256919	09/1994	Japan (transl. of Abstract)	C22	18	X	
A10	AH	WO 0/31310	06/2000	PCT	—	—		
A10	AI	WO 99/66100	12/1999	PCT	—	—		
A10	AJ	WO 87/07650	12/1987	PCT	—	—		
A10	AK	9201080	01/1992	PCT	C23C	14/35		
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*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
A10	AA			C. Klein et al., "Manual of Mineralogy", pp 39-40 (no date)			
A10	AB			S. Wright et al. "Effect of Annealing Temperature on the Texture of Rolled Tantalum and Tantalum-10 Wt.% Tungsten, reprinted from <u>Tungsten and Refractory Metals 2</u> , pp 501-508 (no date)			
A10	AC			H-R Wenk, "Preferred Orientation in Deformed Metals and Rocks: An Introduction to Modern Texture Analysis", 1985, pp 8-10 (no month data)			
A10	AD			B.D. Cullity, "Structure of Polycrystalline Aggregates", <u>Elements of X-ray Diffraction</u> , pp 294-297 (no date)			
	AE						
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Aro	AA	5,850,755	12/98	Segal	—	—	
Aro	AB	5,456,815	10/95	Fukuyo et al	—	—	
Aro	AC	5,826,456	10/98	Kawazoe et al	—	—	
Aro	AD	5,413,650	05/95	Jarrett et al	—	—	
Aro	AE	6,193,821	2/2001	Zhang	—	—	
Aro	AF	6,348,113	02/02	Michaluk et al	—	—	
Aro	AG	6,085,966	7/00	Shimomuki et al	—	—	
Aro	AH	6,024,852	2/00	Tamura et al	—	—	
Aro	AI	5,798,005	8/98	Murata et al	—	—	
Aro	AJ	5,231,306	7/93	Meikle	—	—	
Aro	AK						

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Aro	AM	882 813	12/1998	EPO	—	—		
Aro	AN	JP 08146201A	06/1996	Japan	—	—		
Aro	AO	JP 10008244A	01/1998	Japan	—	—		
Aro	AP	WO 9927150	06/1999	PCT	—	—		
Aro	AQ	WO 9902743	01/1999	PCT	—	—		
Aro	AR	WO 0129279	04/2001	PCT	—	—		

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

Aro	AS	Mukai, T. et al, "Dynamic Mechanical Properties of a Near-Nano Aluminum Alloy Processed by Equal-Channel-Angular-Extrusion", Nano-Structured Materials, Vol. 10, No. 5, pp. 755-765 (1998) Elsevier Science Ltd. (no month data)
Aro	AT	Hatch, J.E., ALUMINUM, 1984, Chap. 5, "Metallurgy of Heat Treatment and General Principles of Precipitation Hardening", pp. 134-183. (no month data)
Aro	AU	Ferrasse, S. et al., "Development of a Submicrometer-Grained Microstructure in Aluminum 6061 Using Equal Channel Angular Extrusion", J. Mater. Res. Vol. 12, No. 5, May 1997, pp. 1253-1261.
Aro	AV	Ferrasse, S. et al., "Microstructure and Properties of Copper and Aluminum Alloy 3003 Heavily Worked by Equal Channel Angular Extrusion", Metallurgical and Materials Transactions A, vol. 28A, April 1997, pp. 1047-1057.
Aro	AW	Pavate et al., "Correlation between Aluminum alloy sputtering target metallurgical characteristics, Arc initiation, and In-film defect density", SPIE Vol. 3214, 1997, pp. 42-47. (no month data)

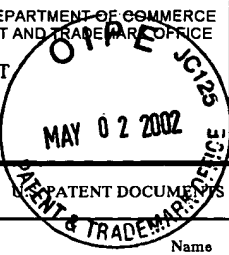
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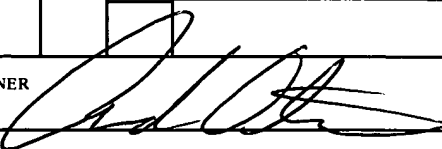
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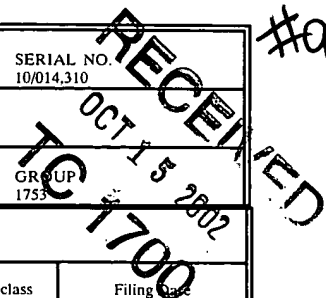
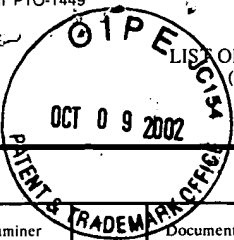
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FOREIGN PATENT DOCUMENTS							
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AM							
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)		
Aro	AR	Cabot Performance Materials, Material Evaluation Report, March 25, 1998, Ingot Number T891C.
	AS	
	AT	

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#9

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
Aro	AA 3,653,981	04/1972	Watanabe et al.	148	12.4	
Aro	AB 3,849,212	11/1974	Thornburg	148	31.55	
Aro	AC 5,766,380	06/1998	Lo et al.	148	577	
Aro	AD 6,123,896	09/2000	Meeks, III et al.	419	49	
Aro	AE 5,722,165	03/1998	Kobayashi et al.	29	894.325	
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FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
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Aro	AM 08-134606 /	05/28/96	Japan (Abstract)	—	—	X	
Aro	AN 03-082773 /	04/08/1991	Japan (Abstract)	—	—	X	
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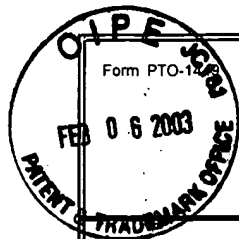
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

Aro	AR	ASM Handbook, Vol. 4, 1991, "Heat Treating of Aluminum Alloys", pps. 841-879. (no month data) /
Aro	AS	Domenic A. Canonico, "Stress-Relief Heat Treating of Steel", ASM Handbook, Vol. 4, 1991. (no month data) /
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Form PTO-12

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U.S. PATENT DOCUMENTS

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*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
Aro	AA	5,171,379	12/1992	Kumar et al.	—	—	
Aro	AB	4,517,032	05/1985	Goto et al	—	—	
Aro	AC	5,772,795	06/1998	Lally et al	—	—	
Aro	AD	6,221,178	04/2001	Torizuka et al	—	—	
Aro	AE	5,772,165	03/1998	Kobayashi	—	—	
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Aro	AM	252,442	09.06.1960	Australia	—	—		
Aro	AN	55-179784	12/1980	Japan	—	—		
Aro	AO	JP62-297463	12/1987	Japan	—	—	X	
Aro	AP	JP62-297463	12/1987	Japan	—	—		X
	AQ							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

Aro	AR		Hughes et al., "Grain Subdivision and the Development of Local Orientations in Rolled Tantalum" Tantalum, The Minerals, Metals & Materials Society, 1996, pgs. 257-262. (Year is sufficiently early so that the month is not an issue.)
Aro	AS	1	Artt, Jr., "Sulfonation and Sulfonation to Thorium and Thorium Compounds" Kirk-Othmer Encyclopedia of chemical Technology vol. 22, pp. 541-564, (1993, Year is sufficiently early so that the month is not an issue).
Aro	AT		Kirkbride et al., "The Effect of Yttrium on the Recrystallization and Grain Growth of Tantalum", J. Less-Common Metals, vol. 9, pp. 393-408, 1965. (Year is sufficiently early so that the month is not an issue.)

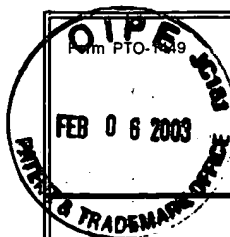
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Form PTO-609

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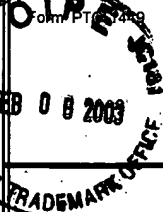
A10	AR	National Research Corporation Press Release, pgs. 1-4, July 1964.
A10	AS	National Research Corporation Data Sheet "SGS Tantalum", pgs. 1-7, no date.
A10	AT	ASTM Standard Specification for Tantalum and Tantalum Alloy Plate, Sheet, and Strip, pgs. 558-561, 1992. (Year s sufficiently early so that the month is not an issue.)

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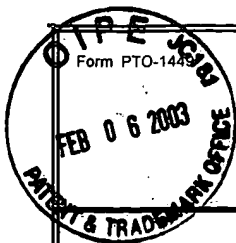
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

Aro	AR	Kumar, et al. "Effect of Intermetallic Compounds of the Properties of Tantalum" Materials Research Society Symposium Proceedings, vol. 322, pgs. 413-422, 1994. (Year is sufficiently early so that the month is not an issue.)
Aro	AS	Kumar, et al. "Effect of Intermetallic Compounds of the Properties of Tantalum" Refractory Metals & Hard Materials, vol. 12, pgs. 35-40, 1994. (Year is sufficiently early so that the month is not an issue.)
Aro	AT	Klein et al., "Inhomogeneous Textures in Tantalum Sheets" Materials Science Forum, vol. 157-162, pgs. 1423, (1994). (Year is sufficiently early so that the month is not an issue.)

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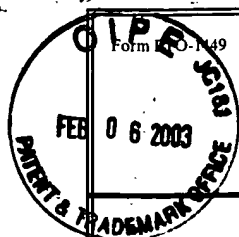
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

Aro	AR	✓	Clark et al., "Influence of Transverse Rolling on the Microstructural and Texture Development in Pure Tantalum". Metallurgical Transactions, vol. 23A, pgs. 2183-2191, August 1992.
Aro	AS	✓	Raabe, et al., "Texture and Microstructure of Rolled and Annealed Tantalum", Materials Science and Technology, Vol. 10, pgs. 299-305, April 1994.
Aro	AT	✓	Wright et al., "Texture Gradient Effects in Tantalum", International Conference on Textures of Materials, 7 pgs., September 1993.

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Form PTO-149

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

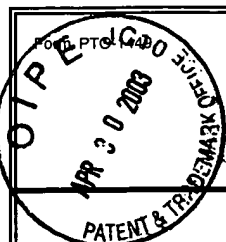
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EXAMINER

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8/20/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 32120-CON1		SERIAL NO. 10/014,310		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Ritesh P. Shah, et al.		FILING DATE December 11, 2001		
				GROUP 1753		RECEIVED MAY 06 2003 GROUP 1700		
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EXAMINER				DATE CONSIDERED 8/19/03				
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